

In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Original) A nonreciprocal circuit element comprising a magnetic plate having a plurality of through holes; a plurality of center conductors crossing each other at a predetermined angle on a side associated with a first surface of the magnetic plate; and a common electrode disposed on a side associated with a second surface of the magnetic plate and connected to the center conductors via the through holes.

2. (Original) A nonreciprocal circuit element according to Claim 1, wherein the magnetic plate is contained in a case, and at least one of a vertical dimension and a horizontal dimension of the magnetic plate substantially coincides with a vertical dimension or a horizontal dimension of an interior of the case.

3. (Original) A nonreciprocal circuit element according to Claim 1, wherein capacitors connected to first ends of the center conductors are disposed on the side associated with the first surface of the magnetic plate.

4. (Original) A nonreciprocal circuit element according to Claim 3, wherein the case is formed by a first yoke disposed on the side associated with the first surface of the magnetic plate, and a second yoke disposed on the side associated with the second surface of the magnetic plate so as to also function as a grounding electrode, the capacitors being connected to the second yoke via other through holes provided in the magnetic plate.

5. (Currently Amended) A nonreciprocal circuit element according to Claim 1, wherein terminal electrodes connected to first ends of the center conductors are engaged with side edges of the magnetic plate.

6. (Original) A nonreciprocal circuit element according to Claim 1, wherein the center conductors are formed, by printing, over the magnetic plate via insulating layers.

7. (Original) A nonreciprocal circuit element according to Claim 3, wherein an insulating spacer and a biasing permanent magnet are laminated on the side of the first surface of the magnetic plate, solder plating layers are formed on one surface, associated with the magnetic plate, of the insulating spacer, the solder plating layers electrically connecting the first ends of the center conductors to the capacitors and the terminal electrodes, respectively.

8. (Original) A nonreciprocal circuit element according to Claim 1, wherein the center conductors are formed on insulating films, and the insulating films are laminated over the magnetic plate with the center conductors facing the magnetic plate.

9. (Original) A nonreciprocal circuit element according to Claim 8, wherein the capacitors are disposed on the insulating films.

10. (Original) A nonreciprocal circuit element according to Claim 1, wherein a terminating resistor is connected to one of the center conductors.

11. (Previously Presented) A nonreciprocal circuit element according to Claim 10, wherein the terminating resistor is mounted on a yoke, and the terminating resistor is electrically connected to the center conductors via a solder plating layer formed on one surface, associated with the magnetic plate, of an insulating spacer.

12-15. (Cancelled)

16. (New) A nonreciprocal circuit element comprising:
a magnetic plate having through holes;
a plurality of insulating layers;
a plurality of center conductors laminated together via the insulating layers, the center conductors disposed on a side associated with a first surface of the magnetic plate;
a common electrode formed on a side associated with a second surface of the magnetic plate,
capacitors disposed in proximity to first ends of the center conductors;

terminal electrodes engaged with side edges of the magnetic plate and adjacent to the first ends of the center conductors;

an insulating spacer having solder plating layers laminated over the magnetic plate such that the solder plating layers are opposed to the first ends of the center conductors,

wherein the solder plating layers electrically connect the first ends of the center conductors to the capacitors and the terminal electrodes.

17. (New) A nonreciprocal circuit element according to Claim 16, wherein the center conductors are connected to the common electrode via the through holes.

18. (New) A nonreciprocal circuit element comprising:

a magnetic plate having through holes;

a plurality of insulating films having center conductors and capacitors laminated on a first surface of the magnetic plate;

a common electrode formed on a side associated with a second surface of the magnetic plate; and

terminal electrodes engaged with side edges of the magnetic plate, the side edges adjacent to first ends of the center conductors.

19. (New) A method nonreciprocal circuit element according to Claim 18, wherein the center conductors are connected to the common electrode via the through holes.